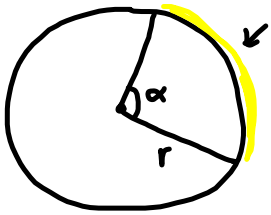
10. YMPYRÄN SEKTORI JA SEGMENTTI



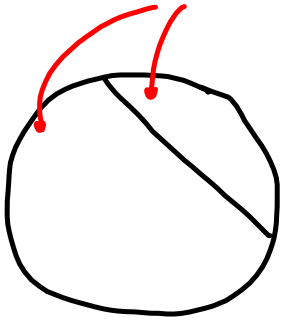
sektorin kaari b

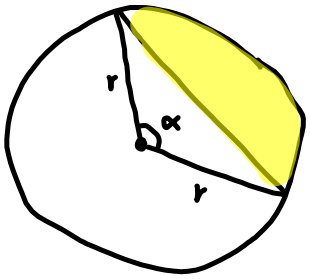
$$\frac{\alpha}{360^\circ} = \frac{b}{2\pi r}$$

$$\frac{\alpha}{360^\circ} = \frac{A_s}{\pi r^2}$$ sektorin ala

$$A_s = \frac{\alpha}{360^\circ} \cdot \pi r^2$$ MAOL

ympyrälle piirretty jänne erottaa kaksi segmenttiä





$A_k = \frac{1}{2} \cdot r \cdot r \cdot \sin\alpha$

Segmentin ala = sektori ± kolmio

sarja1	sarja2
10.1	10.12 ↓
10.3	
10.5	
10.7	
10.10	